

**What is claimed is:**

1. A wearable inhalation filter for a user to wear in  
her or his nostrils, comprising:
  - a) two nose rings that are inserted into the  
5           nostrils;
  - b) a bridge that connects the nose rings;  
wherein each of the nose rings comprises a filter  
assembly for filtering air being inhaled, and  
wherein the length of the bridge between the two  
10       nose rings is adjustable.
2. The wearable inhalation filter of claim 1, wherein  
the filter assembly comprises a filter web, wherein  
the filter web comprises a physical filter layer  
15       that comprises a plurality of pores.
3. The wearable inhalation filter of claim 2, wherein  
the filter web has a corrugated shape.
- 20 4. The wearable inhalation filter of claim 2, wherein  
the size of the pores is in a range from about four  
(4) $\mu$  to about twenty five (25)  $\mu$ .
5. The wearable inhalation filter of claim 4, wherein  
25       the size of the pores is about ten (10)  $\mu$ .

6. The wearable inhalation filter of claim 2, wherein the filter web protrudes out of the nose ring.
- 5 7. The wearable inhalation filter of claim 6, wherein the filter webs for the two nose rings are integrated into a single filter web.
8. The wearable inhalation filter of claim 2, wherein  
10 the filter web wraps around the nose rings and the bridge.
9. The wearable inhalation filter of claim 2, wherein the filter web further comprises a chemical filter  
15 layer.
10. The wearable inhalation filter of claim 9, wherein the chemical filter layer comprises active carbon.
- 20 11. The wearable inhalation filter of claim 2, wherein the filter assembly further comprises a filter ring, wherein the filter ring holds the filter web, wherein the filter ring is detachably attached to the nose ring.

25

12. The wearable inhalation filter of claim 11, wherein  
the filter ring is received in a circular groove  
provided on the nose ring.
- 5 13. The wearable inhalation filter of claim 2, wherein  
the filter assembly further comprises one or more  
mesh layers that are adjacent to the filter web.
14. The wearable inhalation filter of claim 13, wherein  
10 the mesh layers are plated with silver.
15. The wearable inhalation filter of claim 1, wherein  
the bridge has two end connectors and a bridge body  
between the two end connectors, and wherein the end  
15 connector connects the bridge body to the nose ring.
16. The wearable inhalation filter of claim 15, wherein  
the end connector is rotatably attached to the nose  
ring.
- 20 17. The wearable inhalation filter of claim 16, wherein  
the end connector can adjust its length between the  
nose ring and the bridge body.

18. The wearable inhalation filter of claim 17, wherein  
the end connector comprises a plurality of circular  
teeth along the length of the end connector, wherein  
the nose ring comprises a hole and the hole  
5 comprises a circular projection, and wherein the two  
adjacent circular teeth of the end connector engage  
with the circular projection of the nose ring.
19. The wearable inhalation filter of claim 15, wherein  
10 the length of the bridge body is adjustable.
20. The wearable inhalation filter of claim 19, wherein  
the bridge body comprises a first bar and a second  
bar, wherein the second bar comprises a slide hole  
15 into which the first bar can slide.
21. The wearable inhalation filter of claim 20, wherein  
the first bar comprises a length adjusting  
projection, wherein the slide hole comprises a  
20 plurality of length adjusting holes, and wherein the  
length adjusting projection engages with one of the  
length adjusting holes.
22. The wearable inhalation filter of claim 1, wherein  
25 the nose ring is made of flexible material.

23. The wearable inhalation filter of claim 22, wherein  
the nose ring is made of silicone.
- 5 24. The wearable inhalation filter of claim 1, wherein  
the nose ring further comprises a plurality of  
breath holes.
25. The wearable inhalation filter of claim 1, further  
10 comprising two holding members that partially  
surround the nose rings.